

# Antony Vinh

## List of Publications by Year in descending order

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Version: 2024-02-01

95  
papers

5,293  
citations

117625

34  
h-index

110387

64  
g-index

97  
all docs

97  
docs citations

97  
times ranked

7123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammation, Immunity, and Hypertension. <i>Hypertension</i> , 2011, 57, 132-140.	2.7	718
2	DC isoketal-modified proteins activate T cells and promote hypertension. <i>Journal of Clinical Investigation</i> , 2014, 124, 4642-4656.	8.2	400
3	Immune mechanisms of hypertension. <i>Nature Reviews Immunology</i> , 2019, 19, 517-532.	22.7	281
4	Inhibition and Genetic Ablation of the B7/CD28 T-Cell Costimulation Axis Prevents Experimental Hypertension. <i>Circulation</i> , 2010, 122, 2529-2537.	1.6	249
5	AT2 receptors: Functional relevance in cardiovascular disease. , 2008, 120, 292-316.		221
6	Obligatory Role for B Cells in the Development of Angiotensin II-Dependent Hypertension. <i>Hypertension</i> , 2015, 66, 1023-1033.	2.7	185
7	Role of chemokine RANTES in the regulation of perivascular inflammation, T-cell accumulation, and vascular dysfunction in hypertension. <i>FASEB Journal</i> , 2016, 30, 1987-1999.	0.5	185
8	Role of Interleukin 17 in Inflammation, Atherosclerosis, and Vascular Function in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1565-1572.	2.4	182
9	Immune Cell Infiltration in Malignant Middle Cerebral Artery Infarction: Comparison with Transient Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 450-459.	4.3	180
10	Deficiency of Prebiotic Fiber and Insufficient Signaling Through Gut Metabolite-Sensing Receptors Leads to Cardiovascular Disease. <i>Circulation</i> , 2020, 141, 1393-1403.	1.6	176
11	Pharmacological inhibition of the NLRP3 inflammasome reduces blood pressure, renal damage, and dysfunction in salt-sensitive hypertension. <i>Cardiovascular Research</i> , 2019, 115, 776-787.	3.8	165
12	High-Resolution Transcriptomic Profiling of the Heart During Chronic Stress Reveals Cellular Drivers of Cardiac Fibrosis and Hypertrophy. <i>Circulation</i> , 2020, 142, 1448-1463.	1.6	150
13	Vasoprotective and Atheroprotective Effects of Angiotensin (1-7) in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1606-1613.	2.4	145
14	Inflammasome activity is essential for one kidney/deoxycorticosterone acetate/salt-induced hypertension in mice. <i>British Journal of Pharmacology</i> , 2016, 173, 752-765.	5.4	143
15	Role of the adaptive immune system in hypertension. <i>Current Opinion in Pharmacology</i> , 2010, 10, 203-207.	3.5	137
16	Bacteriophages in Natural and Artificial Environments. <i>Pathogens</i> , 2019, 8, 100.	2.8	124
17	M2 macrophage accumulation in the aortic wall during angiotensin II infusion in mice is associated with fibrosis, elastin loss, and elevated blood pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H906-H917.	3.2	109
18	Reversal of Vascular Macrophage Accumulation and Hypertension by a CCR2 Antagonist in Deoxycorticosterone/Salt-Treated Mice. <i>Hypertension</i> , 2012, 60, 1207-1212.	2.7	103

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19	Angiotensin AT <sub>2</sub> Receptor Stimulation Causes Neuroprotection in a Conscious Rat Model of Stroke. <i>Stroke</i> , 2009, 40, 1482-1489.	2.0	101
20	NADPH Oxidases as Regulators of Tumor Angiogenesis: Current and Emerging Concepts. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1229-1247.	5.4	86
21	T Lymphocytes and Vascular Inflammation Contribute to Stress-Dependent Hypertension. <i>Biological Psychiatry</i> , 2012, 71, 774-782.	1.3	78
22	Direct Angiotensin AT <sub>2</sub> Receptor Stimulation Using a Novel AT <sub>2</sub> Receptor Agonist, Compound 21, Evokes Neuroprotection in Conscious Hypertensive Rats. <i>PLoS ONE</i> , 2014, 9, e95762.	2.5	72
23	Chronic angiotensin IV treatment reverses endothelial dysfunction in ApoE-deficient mice. <i>Cardiovascular Research</i> , 2008, 77, 178-187.	3.8	71
24	The central nervous system and inflammation in hypertension. <i>Current Opinion in Pharmacology</i> , 2011, 11, 156-161.	3.5	70
25	Vitamin D3 Supplementation Reduces Subsequent Brain Injury and Inflammation Associated with Ischemic Stroke. <i>NeuroMolecular Medicine</i> , 2018, 20, 147-159.	3.4	60
26	Angiotensin II Type 2 Receptor Stimulation Initiated After Stroke Causes Neuroprotection in Conscious Rats. <i>Hypertension</i> , 2012, 60, 1531-1537.	2.7	54
27	Acute or Delayed Systemic Administration of Human Amnion Epithelial Cells Improves Outcomes in Experimental Stroke. <i>Stroke</i> , 2018, 49, 700-709.	2.0	53
28	A Novel Histone Deacetylase Inhibitor Reduces Abdominal Aortic Aneurysm Formation in Angiotensin II-Infused Apolipoprotein E-Deficient Mice. <i>Journal of Vascular Research</i> , 2008, 45, 143-152.	1.4	51
29	Role of Vascular Extracellular Superoxide Dismutase in Hypertension. <i>Hypertension</i> , 2011, 58, 232-239.	2.7	50
30	Pressor response to angiotensin II is enhanced in aged mice and associated with inflammation, vasoconstriction and oxidative stress. <i>Aging</i> , 2017, 9, 1595-1606.	3.1	49
31	Nox1 Oxidase Suppresses Influenza A Virus-Induced Lung Inflammation and Oxidative Stress. <i>PLoS ONE</i> , 2013, 8, e60792.	2.5	47
32	The Vascular Consequences of Metabolic Syndrome: Rodent Models, Endothelial Dysfunction, and Current Therapies. <i>Frontiers in Pharmacology</i> , 2020, 11, 148.	3.5	43
33	Differential Phenotypes of Tissue-Infiltrating T Cells during Angiotensin II-Induced Hypertension in Mice. <i>PLoS ONE</i> , 2014, 9, e114895.	2.5	40
34	IL-33 modulates inflammatory brain injury but exacerbates systemic immunosuppression following ischemic stroke. <i>JCI Insight</i> , 2018, 3, .	5.0	39
35	Effect of tocopheryl phosphate on key biomarkers of inflammation: Implication in the reduction of atherosclerosis progression in a hypercholesterolaemic rabbit model. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 587-592.	1.9	37
36	VASCULAR ANGIOTENSIN AT <sub>2</sub> RECEPTORS IN HYPERTENSION AND AGEING. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 386-390.	1.9	35

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37	Proteomic Identification of Interferon-Induced Proteins with Tetratricopeptide Repeats as Markers of M1 Macrophage Polarization. <i>Journal of Proteome Research</i> , 2018, 17, 1485-1499.	3.7	35
38	Aged rats have an altered immune response and worse outcomes after traumatic brain injury. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 536-550.	4.1	35
39	Brain immune cell composition and functional outcome after cerebral ischemia: comparison of two mouse strains. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 365.	3.7	34
40	Influenza A virus causes maternal and fetal pathology via innate and adaptive vascular inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24964-24973.	7.1	34
41	Direct AT2 receptor stimulation is athero-protective and stabilizes plaque in Apolipoprotein E-deficient mice. <i>International Journal of Cardiology</i> , 2013, 169, 281-287.	1.7	25
42	Angiotensin IV-evoked vasoprotection is conserved in advanced atheroma. <i>Atherosclerosis</i> , 2008, 200, 37-44.	0.8	24
43	IL-18 (Interleukin-18) Produced by Renal Tubular Epithelial Cells Promotes Renal Inflammation and Injury During Deoxycorticosterone/Salt-Induced Hypertension in Mice. <i>Hypertension</i> , 2021, 78, 1296-1309.	2.7	22
44	NOX2 oxidase expressed in endosomes promotes cell proliferation and prostate tumour development. <i>Oncotarget</i> , 2018, 9, 35378-35393.	1.8	21
45	Role of Inflammation and the Angiotensin Type 2 Receptor in the Regulation of Arterial Pressure During Pregnancy in Mice. <i>Hypertension</i> , 2014, 64, 626-631.	2.7	20
46	The IL-18/IL-18R1 signalling axis: Diagnostic and therapeutic potential in hypertension and chronic kidney disease. , 2022, 239, 108191.		20
47	Chronic recurrent dehydration associated with periodic water intake exacerbates hypertension and promotes renal damage in male spontaneously hypertensive rats. <i>Scientific Reports</i> , 2016, 6, 33855.	3.3	19
48	Ergot alkaloid mycotoxins: physiological effects, metabolism and distribution of the residual toxin in mice. <i>Scientific Reports</i> , 2020, 10, 9714.	3.3	17
49	Aldosterone-induced hypertension is sex-dependent, mediated by T cells and sensitive to GPER activation. <i>Cardiovascular Research</i> , 2021, 117, 960-970.	3.8	16
50	The effect of tocopheryl phosphates (TPM) on the development of atherosclerosis in apolipoproteinâ€œ deficient mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 107-116.	1.9	12
51	microRNA-367-3p regulation of GPRC5A is suppressed in ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1300-1315.	4.3	12
52	Distinct Redox Signalling following Macrophage Activation Influences Profibrotic Activity. <i>Journal of Immunology Research</i> , 2019, 2019, 1-15.	2.2	9
53	Ganging up on Angiotensin II Type 1 Receptors in Vascular Remodeling. <i>Hypertension</i> , 2012, 60, 17-19.	2.7	8
54	Effects of highâ€œ and lowâ€œ dose aspirin on adaptive immunity and hypertension in the strokeâ€œprone spontaneously hypertensive rat. <i>FASEB Journal</i> , 2019, 33, 1510-1521.	0.5	8

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55	G protein-coupled estrogen receptor 1: a novel target to treat cardiovascular disease in a sex-specific manner?. <i>British Journal of Pharmacology</i> , 2021, 178, 3849-3863.	5.4	7
56	Novel approaches for treating hypertension. <i>F1000Research</i> , 2017, 6, 80.	1.6	5
57	Functional Cardiovascular Effects of Angiotensin Peptides: Focus on Atherosclerosis and Hypertension. <i>Current Hypertension Reviews</i> , 2009, 5, 227-236.	0.9	4
58	Y-chromosome lineage determines cardiovascular organ T-cell infiltration in the stroke-prone spontaneously hypertensive rat. <i>FASEB Journal</i> , 2018, 32, 2747-2756.	0.5	4
59	Bim Deletion Reduces Functional Deficits Following Ischemic Stroke in Association with Modulation of Apoptosis and Inflammation. <i>NeuroMolecular Medicine</i> , 2022, , 1.	3.4	3
60	Diagnosing and Treating Hypertensive Disorders of Pregnancy?. <i>Hypertension</i> , 2017, 70, 884-886.	2.7	2
61	Immunity and hypertension: New targets to lighten the pressure. <i>British Journal of Pharmacology</i> , 2019, 176, 1813-1817.	5.4	2
62	Dendritic cell superoxide and isoketals activate T cells and promote angiotensin II hypertension (1153.2). <i>FASEB Journal</i> , 2014, 28, 1153.2.	0.5	2
63	Response to Letter by Tsuda. <i>Stroke</i> , 2009, 40, .	2.0	1
64	799 ANGIOTENSIN AT2 RECEPTOR STIMULATION INITIATED AFTER STROKE CAUSES NEUROPROTECTION IN CONSCIOUS RATS. <i>Journal of Hypertension</i> , 2012, 30, e231-e232.	0.5	1
65	ACE2 CONTRIBUTES TO THE NORMAL REGULATION OF ARTERIAL PRESSURE AND IMMUNITY IN FEMALES OF REPRODUCTIVE AGE. <i>Journal of Hypertension</i> , 2021, 39, e341-e342.	0.5	1
66	Abstract 059: Deficiency of Either Prebiotic Dietary Fibre or Prebiotic-Responsive Gut Microbiota Result in High Blood Pressure. <i>Hypertension</i> , 2019, 74, .	2.7	1
67	PD123177. , 2010, , 1-3.		0
68	768 BRIDGING ADAPTIVE IMMUNITY AND HYPERTENSION. <i>Journal of Hypertension</i> , 2012, 30, e221-e222.	0.5	0
69	780 ROLE OF THE AT2R IN REGULATING ARTERIAL PRESSURE AND IMMUNITY IN PREGNANCY. <i>Journal of Hypertension</i> , 2012, 30, e225-e226.	0.5	0
70	63 M2 MACROPHAGE POLARIZATION AS A CAUSE OF VASCULAR FIBROSIS AND STIFFENING IN HYPERTENSION. <i>Journal of Hypertension</i> , 2012, 30, e19-e20.	0.5	0
71	711 DIRECT AT2-RECEPTOR STIMULATION SUPPRESSES CIRCULATING T CELL ACTIVATION AND VASCULAR INFILTRATION IN ANGIOTENSIN II-INDUCED HYPERTENSION. <i>Journal of Hypertension</i> , 2012, 30, e206-e207.	0.5	0
72	17 CHEMOKINE RECEPTORS AS NOVEL PHARMACOLOGICAL TARGETS TO REDUCE BLOOD PRESSURE DURING EXPERIMENTAL HYPERTENSION IN MICE. <i>Journal of Hypertension</i> , 2012, 30, e5-e6.	0.5	0

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73	Nox1 Oxidase Reduces Influenza A Virus-Induced Lung Inflammation. , 2012, , .		0
74	AT2R, Vascular Effects, and Blood Pressure. , 2015, , 49-55.		0
75	Angiotensin I-VII. , 2007, , 1.		0
76	AT-2 Angiotensin Receptor. , 2007, , 1.		0
77	A779. , 2007, , 1.		0
78	Angiotensin III. , 2007, , 1.		0
79	AT-1 Angiotensin Receptor. , 2007, , 1.		0
80	Anti-atherosclerotic effects of the hexapeptide angiotensin IV. FASEB Journal, 2008, 22, 639-639.	0.5	0
81	Vaso- and athero-protective effects of Angiotensin (1-7) and CGP42112 in apolipoprotein E deficient mice. FASEB Journal, 2009, 23, 760.15.	0.5	0
82	AVE0991. , 2010, , 1-3.		0
83	Angiotensin IV. , 2010, , 1-4.		0
84	Inhibition of T cell Costimulation Prevents the Development of Hypertension. FASEB Journal, 2010, 24, 983.1.	0.5	0
85	Stress-induced hypertension promotes T lymphocyte activation and vascular inflammation. FASEB Journal, 2011, 25, .	0.5	0
86	INHIBITION OF NOX1 OXIDASE EXACERBATES INFLUENZA A VIRUS-INDUCED LUNG INFLAMMATION. FASEB Journal, 2012, 26, 143.6.	0.5	0
87	Differential roles for tissue-infiltrating T cells during angiotensin II-induced hypertension. FASEB Journal, 2013, 27, 708.6.	0.5	0
88	Abstract 005: A Small-molecule Inhibitor of NLRP3 Inflammasome Activity, MCC950, Reduces Blood Pressure and Restores Renal Function in Hypertensive Mice. Hypertension, 2016, 68, .	2.7	0
89	G protein-coupled estrogen receptors: novel therapeutic targets in aldosterone-induced hypertension?. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-2-54.	0.0	0
90	A Crucial Role for Interleukin-18/IL-18R Signalling Axis in the Development of Renal Inflammation and Elevated Blood Pressure in 1 Kidney/DOCA/Salt-Induced Hypertension. FASEB Journal, 2018, 32, 718.15.	0.5	0

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91	Aldosterone-induced Hypertension is T Lymphocyte-Dependent and Attenuated by Activation of the G Protein-Coupled Estrogen Receptor 1. FASEB Journal, 2018, 32, 718.14.	0.5	0
92	Renal Microvascular Rarefaction Accompanies Interstitial Fibrosis and Tubular Damage in One Kidney-Deoxycorticosterone Acetate-Salt (1K/DOCA/salt)-Dependent Hypertension. FASEB Journal, 2019, 33, lb533.	0.5	0
93	Differential Effects of BAFF Neutralization and BAFF Receptor Inhibition on Angiotensin II-induced Hypertension in Mice. FASEB Journal, 2019, 33, 819.15.	0.5	0
94	Abstract 114: Renal Inflammation Correlates With Pararenal and Perirenal Adipose Inflammation in Obesity. Hypertension, 2019, 74, .	2.7	0
95	Abstract WP309: Hypertensive Stimuli Promote Brain Inflammation and Cognitive Impairment in a Pressure-Dependent Manner. Stroke, 2020, 51, .	2.0	0